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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/483,182	01/13/2000	Li-Wen Chen	19608-000220US	8005

7590 12/29/2004

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EXAMINER

COLBERT, ELLA

ART UNIT	PAPER NUMBER
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3624

DATE MAILED: 12/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/483,182	<b>Applicant(s)</b> CHEN, LI-WEN <span style="float: right;">51</span>	
	<b>Examiner</b> Ella Colbert	<b>Art Unit</b> 3624	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6, 11-15, 30-33, 40 and 42-66 is/are pending in the application.  
     4a) Of the above claim(s) 30-33, 52-56 and 62-66 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 6, 11, 15, 30-33 and 61 is/are allowed.
- 6) ☒ Claim(s) 47-511 is/are rejected.
- 7) ☒ Claim(s) 1-5, 12-24, 40, & 57-60 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. Claims 1-6, 11-15, 30-33, 40, and 42-66 are pending. Applicants' election with traverse of Group I, Claims 1-6, 11-15, 40, 41, 47-51, and 57-61 in the reply filed on 10/08/04 is acknowledged. The traversal grounds is silent. The Requirement is still deemed proper and is therefore made FINAL.

#### ***Claim Objections***

2. Claims 1-5, 12-14, 40, and 57-60 are objected to because of the following informalities: Claim 1 recites "... the processor operatively disposed to: ...". This line would be better recited "...the processor operative to: ...". Claims 2-5, 12-14, and 40 have a similar problem. Claim 57 recites "A computer readable medium comprising: instructions for causing one or more processors to ...". This claim would be better recited "A computer readable medium embodying instructions comprising: causing one or more processors to ...". Claims 58-60 have a similar problem. Claim 60 recites "... one or more processors to generating ...; ... one or more processors to creating ...; ... one or more processors to creating ...; and ... to creating ...: ... one or more processors to aggregating ...". This claim would be better recited recites "... one or more processors to generate ...; ... one or more processors to create ...; ... one or more processors to create ...; and ... to create ...: ... one or more processors to aggregate ...". . Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 101***

3. Claims 47-51 are rejected under 35 U.S.C. 101 as non-statutory. The method claims as presented do not claim a technological basis in the body of the claim. Without

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a claimed basis, the claim may be interpreted in an alternative as involving no more than a manipulation of an abstract idea and therefore non-statutory under 35 U.S.C. 101. In contrast, a method claim that includes in the body of the claim at least one structural/functional interrelationship which can only be computer implemented is considered to have a technological basis [See Ex parte Bowman, 61 USPQ2d 1669, 1671 (Bd. Pat. App. & Inter. 2001) –used only for content and reasoning since not precedential].

#### ***Allowable Subject Matter***

4. Claims 6, 11, 15, and 61 are allowed and the subject matter was not disclosed or suggested by the prior art of record.
5. Claims 1-5, 12-14, 40, and 57-60 will be allowable when the claim objections are overcome for the reasons stated in the previous Office action. Claims 47-51 will be allowable when the 35 USC 101 Rejection is overcome.

#### **Inquiries**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ella Colbert whose telephone number is 703-308-7064. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent Millin can be reached on 703-308-1038. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'E. Colbert', with a long horizontal stroke extending to the right.

E. Colbert  
December 23, 2004